

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspio.gov

### NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/01/2006

Mitchell S. Bigel Myers Bigel Sibley & Sajovec, P.A. P. O. Box 37428 Raleigh, NC 27627

EXAMINER					
TRAN, DALENA					
ART UNIT	PAPER NUMBER				
3661					

DATE MAILED: 09/01/2006

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
•	10/751,715	01/05/2004	Gary G. Churan	9301-81	2262

TITLE OF INVENTION: NETWORK-ASSISTED GLOBAL POSITIONING SYSTEMS, METHODS AND TERMINALS INCLUDING DOPPLER SHIFT AND CODE PHASE ESTIMATES

APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	12/01/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

**Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where n

appropriate. All further on indicated unless correcte maintenance fee notificat	d below or directed oth	ng the Patent, advance or nerwise in Block 1, by (a	n) specifying a new corre	spondence address;	and/or	(b) indicating a separ	correspondence address as rate "FEE ADDRESS" for
		ock 1 for any change of address)	Fee	(s) Transmittal This	s certifi	icate cannot be used fo	domestic mailings of the or any other accompanying it or formal drawing, must
P. O. Box 37428	ley & Sajovec, P.A.			Cert	tificate	of Mailing or Transn	
Raleigh, NC 276	27						(Depositor's name)
							(Signature)
			L				(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	₹	ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/751,715 FITLE OF INVENTIONS AND CODE PHASE EST		D GLOBAL POSITION	Gary G. Churan ING SYSTEMS, METHO	DDS AND TERMIN	ALS IN	9301-81 NCLUDING DOPPLE	2262 R SHIFT
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0		\$1700	12/01/2006
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
TRAN, D	ALENA	3661	701-213000	_			
CFR 1.363).  Change of correspond	ess an assignee is ident in 37 CFR 3.11. Comp	nge of Correspondence  Indication form and. Use of a Customer	data will appear on the T a substitute for filing ar (B) RESIDENCE: (CIT	o 3 registered patentively,  le firm (having as a agent) and the name orneys or agents. If reprinted.  The printed assignment.  Y and STATE OR C	members of upono nam	er a 2 to to e is 3 entified below, the do	cument has been filed for
a. The following fee(s) a  Issue Fee  Publication Fee (N		permitted)	o. Payment of Fee(s): (Ple A check is enclosed. Payment by credit ca	ase first reapply an	is atta	iously paid issue fee s	iciency, or credit any
. Change in Entity Stat	tus (from status indicated	d above)	overpayment, to Dep  b. Applicant is no los	osit Account Numbe	er	(enclose an	extra copy of this form).
NOTE: The Issue Fee and	Publication Fee (if reg		d from anyone other than	<u> </u>			e assignee or other party in
•				Date		<del>1</del>	
Typed or printed name	·		<del></del>	Registration N	o		
This collection of information application. Confident ubmitting the completed his form and/or suggestions.	ation is required by 37 C iality is governed by 35 I application form to the ons for reducing this but	FR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the	on is required to obtain or 1.14. This collection is endepending upon the indice the chief information Office	retain a benefit by the stimated to take 12 novidual case. Any cover, U.S. Patent and	he publ ninutes mment Tradem	ic which is to file (and to complete, including s on the amount of tin tark Office, U.S. Depa	by the USPTO to process) g gathering, preparing, and ne you require to complete rument of Commerce, P.O.

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/751,715 01/05/2004		Gary G. Churan	9301-81	2262		
759	90 09/01/2006	EXAM	EXAMINER			
Mitchell S. Bigel		TRAN, D	TRAN, DALENA			
Myers Bigel Sibley		ART UNIT	PAPER NUMBER			
P. O. Box 37428 Raleigh, NC 27627		3661 DATE MAILED: 09/01/2006	5			

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 38 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 38 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.